

CLAIMS:

1. An isolated nucleic acid molecule having a nucleic acid sequence selected from the group consisting of: a nucleic acid sequence that encodes a polypeptide sequence of SEQ ID NO: 2, and a fragment thereof having at least 10 nucleotides.
2. The nucleic acid molecule of claim 1 consisting of SEQ ID NO: 1 or a fragment thereof having at least 10 nucleotides.
3. The nucleic acid molecule of claim 2 consisting of SEQ ID NO: 1.
4. The nucleic acid molecule of claim 1 consisting of a fragment of SEQ ID NO: 1 having at least 10 nucleotides.
5. The nucleic acid molecule of claim 1 consisting of a fragment of SEQ ID NO: 1 having 12-150 nucleotides.
6. The nucleic acid molecule of claim 1 consisting of a fragment of SEQ ID NO: 1 having 15-50 nucleotides.
7. A recombinant vector comprising a nucleic acid molecule of claim 1.
8. An isolated polypeptide molecule consisting of SEQ ID NO: 2 or a fragment thereof having at least 10 amino acids.
9. The polypeptide molecule of claim 8 consisting of SEQ ID NO: 2.
10. The polypeptide molecule of claim 8 consisting of a fragment of SEQ ID NO: 2 having at least 10 amino acids.

11. The polypeptide molecule of claim 8 consisting of a fragment of SEQ ID NO: 2 having 12-150 amino acids.

12. The polypeptide molecule of claim 8 consisting of a fragment of SEQ ID NO: 2 having 15-50 amino acids.